

Disclaimer: Portions of this report were not available in their final electronic version. In some cases, missing sections were scanned. In other cases, modified draft versions, which look slightly different from the original print versions, were substituted. Although the formatting may look different from the print version of this report, in no case were the data changed in any way.

Appendix A

SILVICULTURE MANAGEMENT ACTIVITIES

STATISTICS: FY99 ACTIVITIES

by

HCP Planning Units

Silviculture Activities:

Activities in Designated Nesting, Roosting and Foraging Areas
Activities in Designated Dispersal Areas
Summaries, Data for each HCP Planning Unit
Silviculture Definitions
Details, Silviculture Activities by HCP Planning Units

HCP MANAGEMENT OBJECTIVES: NESTING, ROOSTING AND FORAGING AREAS

SILVICULTURE ACTIVITIES in DESIGNATED NRF MANAGEMENT AREAS by HCP PLANNING UNITS --- FY99

Harvest & Silvicultural Activity	Acres of Activity Within Designated NRF Areas by Planning Unit						
	Chelan	Columbia	Klickitat	North Puget	South Puget	Yakima	HCP Totals
Total NRF acres in HCP unit	5,647	54,157	20,096	109,409	2,648	13,567	205,524
% of total NRF acreage in HCP	3%	26%	10%	53%	1%	7%	100%
Timber Harvest--Total							Acres
- Clear cut		302	3	597			902
- Shelterwood removal cut						28	28
Forest Site Preparation--Total							
- Aerial herbicide		67		36			103
- Ground herbicide	54					28	82
Vegetation Management--Total							
- Aerial herbicide		331	236				567
- Ground herbicide				337			337
- Hand cutting		100		840			940
Other							
Forest regeneration - Hand planting	54	567		1035		28	1684
Pre-commercial thinning		301		2024			2325

Source: Planning & Tracking System 9/99

NOTE:

The following HCP Planning Units contain no designated spotted owl nesting, roosting and foraging (NRF) management acreage: OESF, South Coast and Straits.

There were no management activities in NRF acreage in the South Puget HCP planning unit for the FY1999 reporting period.

These
are 1997
totals -
1999 totals
are listed
in Chap 1
Report Planm
Objectives
Pg 5

HCP MANAGEMENT OBJECTIVES: SPOTTED OWL DISPERSAL AREAS
SILVICULTURE ACTIVITIES in DESIGNATED DISPERSAL MANAGEMENT AREAS
 by
HCP PLANNING UNITS — FY99

Harvest & Silviculture Activity	Areas of Activity within Designated Dispersal Areas by HCP Planning Unit					
	Columbia	Klickitat	North Puget	South Puget	Yakima	HCP Total
Total Dispersal acres in Planning Unit	38,645	79,095	16,068	71,492	8,332	213,632
% of Total HCP Dispersal Acreage	18%	37%	8%	34%	4%	100%
Timber Harvest						Acres
- Clear cut	87	171	431	264		953
- Selective product logging				60		60
- Shelterwood removal cut		167			93	260
- Smallwood thinning		399				399
- Uneven-aged management		597				597
Forest Site Preparation						
- Aerial herbicide		145	81			226
- Ground herbicide		309			93	402
Vegetation Management						
- Aerial herbicide		885		27		912
- Ground herbicide		433				433
- Hand cutting			220	799		1019
Other						
-Forest regeneration - Hand planting	172	360	321	120	93	1066
Pre-commercial thinning	108		788	624	633	2153

Source: Planning & Tracking System 9/99

NOTE: The following HCP Planning Units contain no designated Spotted Owl Dispersal acreage: OESF, South Coast and Straits. There were no activities in the Chelan HCP Planning Unit dispersal habitat during the FY99 reporting period.

Klickitat Planning Unit:

Historically, healthy eastside forests were "unmanaged". Southeast Region now has an active forest development program to restore that composition. Site preparation activities are generally habitat enhancement or development. Vegetation management includes activities related to controlling spruce budworm and controlling competitive ground-cover through herbicide application. Herbicide programs control weeds around new plantings.

Fire Issues: Lightning often started ground-level fires that kept fire-prone vegetation under control. Ponderosa pine and larch survive most ground-level fires. When fires were controlled, douglas fir flourished, however it is not fire-resistant. Past practices resulted in traditional ponderosa pine stands dominated by Doug fir. Current forest management focuses on re-establishing the native fire-resistant species of ponderosa pine and larch. The result will be a healthy, fire-resistant forest that provides habitats suited to the area.

*These are
1997 Totals.
1999 Totals
are listed
in Chap 1.
HCP Planning
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SILVICULTURE MANAGEMENT ACTIVITIES: HCP PLANNING UNITS --- FY99

Harvest & Silvicultural Activity	Acres of Management Activity by Planning Unit									
	Chelan	Columbia	Klicki -tat	North Puget	OESF	South Coast	South Puget	Straits	Yakima	Total Acres
Timber Harvest Type										
Clear cut		1505	250	2340	347	3110	1058	929	14	9553
Late rotation thinning			51							51
Salvage cut					256	45				301
Selective product logging		265		244		49	220		399	1177
Shelterwood intermediate						3	52	221		276
Shelterwood removal cut			167						121	288
Smallwood thinning		498	399	573	1259	382				3111
Two aged management					58		44	78		180
Uneven-aged managemnt	254		970						715	1939
Forest site preparation										
Aerial herbicide		117	145	117		140				519
Broadcast burn		33								33
Ground herbicide	114		347						208	669
Pile and burn					58	104				162
Forest regeneration										
Hand planting	114	3515	502	3104	1036	3113	987	1113	285	13769
Natural regeneration					20					20
Vegetation managemnt										
Aerial herbicide		2254	1121			530	27			3932
Ground herbicide		27	457	1279		502	222	754		3241
Hand cutting		1165		6495	1745	2057	1283	186		12931
Other										
Pre-commercial thinning		1612		8924	7862	1423	904	2275	637	23637
Tree pruning - Hand				76	15					91
Forest fertilization										
Aerial fertilization				2888			4194	2826		2888
Ground fertilization				279						279

Source: Planning & Tracking System 9/99

Acreage discrepancies exist between data inventory systems. Data is entered at different times into different systems, therefore, at any given time, acreage identified in P&T may not match data in FRIS.

Silviculture includes many forestry activities, ranging from timber harvest methods and subsequent re-forestation efforts to a wide variety of forest habitat conservation and enhancement techniques. Refer to the definitions page for a description of the activities listed above.

APPENDIX A: Silviculture Definitions

Timber Harvest and Silviculture Management Activities Definitions-- FY1999

Timber Harvest Types - Definitions

Clear Cut

A timber harvest which removes the entire stand of trees except for reserve trees designated for habitat. Reserve trees may be clumped or dispersed throughout portions or all of the stand.

Smallwood Thinning

A partial cut timber harvest in young stands (typically less than 40 years of age). Smallwood thinning maintains or enhances the stand's growth potential, and improves the quality of the residual stand.

Salvage

Logging of trees that are dead, dying or deteriorating due to fire, insect damage, wind, disease injuries.

Unevenage Management - Ponderosa Pine selection system

A timber harvest conducted as one step in a silvicultural system whose objective is to create or maintain a forest stand in a condition with three or more age cohorts.

Shelterwood Intermediate Cut

The first timber harvest in a series. The purpose is to provide shelter (typically shade) and possibly a seed source.

Shelterwood Removal Cut and Seed Tree removal Cut

The second or final harvest in a series. The purpose is to remove overstory trees which create shade levels..

Seed Tree Intermediate Cut

The first timber harvest in a series. The purpose is to provide a desirable seed source to establish seedlings.

Selective Product Logging

A timber harvest which removes only certain species above a certain size. This is typically a pole/cabin log sale.

Late Rotation Thinning (*Older Stand Thinning*)

A partial cut timber harvest which extends the rotation age of a stand to more than 80 years of age, or achieves a visual or habitat objective that requires larger trees.

Two Age Management - Westside

An even-age harvest method. Temporary retention is a harvest method that can produce two aged stands.

Appendix A

Silvicultural Activities Conducted from July 1, 1998 through June 30, 1999

Chelan HCP Planning Unit			
Silvicultural Activity	Acres	Location	FPA #
Timber harvest - Uneven-aged management	254	T25N R18E SEC 16	0107648
Forest site preparation - Ground herbicide	54	T23N R18E SEC 16	*
Forest site preparation - Ground herbicide	60	T24N R18E SEC 16	*
Forest regeneration - Hand planting	54	T23N R18E SEC 16	*
Forest regeneration - Hand planting	60	T24N R18E SEC 16	*

Columbia HCP Planning Unit			
Silvicultural Activity	Acres	Location	FPA #
Timber harvest - Clear cut	85	T05N R02E SEC 36	2900091
Timber harvest - Clear cut	15	T05N R03E SEC 02	2900825
Timber harvest - Clear cut	89	T05N R03E SEC 02	2900825
Timber harvest - Clear cut	84	T06N R03E SEC 04	2900088
Timber harvest - Clear cut	42	T06N R03E SEC 06	2900105
Timber harvest - Clear cut	48	T06N R04E SEC 15	1120038
Timber harvest - Clear cut	39	T06N R05E SEC 10	1120993
Timber harvest - Clear cut	47	T06N R05E SEC 10	1120993
Timber harvest - Clear cut	43	T06N R05E SEC 16	1121040
Timber harvest - Clear cut	72	T06N R05E SEC 28	1122000
Timber harvest - Clear cut	53	T07N R05E SEC 35	2900097
Timber harvest - Clear cut	11	T08N R04W SEC 06	2901138
Timber harvest - Clear cut	5	T08N R04W SEC 06	2901138
Timber harvest - Clear cut	7	T08N R05W SEC 01	2901138
Timber harvest - Clear cut	8	T08N R05W SEC 01	2901138
Timber harvest - Clear cut	6	T08N R05W SEC 01	2901138
Timber harvest - Clear cut	5	T08N R05W SEC 01	2901138
Timber harvest - Clear cut	67	T09N R05W SEC 24	2900292
Timber harvest - Clear cut	102	T10N R02W SEC 06	1122184
Timber harvest - Clear cut	75	T10N R04W SEC 30	1122398
Timber harvest - Clear cut	61	T10N R04W SEC 32	1122289
Timber harvest - Clear cut	46	T10N R08W SEC 02	1121755
Timber harvest - Clear cut	31	T11N R02E SEC 03	2500559
Timber harvest - Clear cut	38	T11N R07W SEC 29	2500327
Timber harvest - Clear cut	36	T12N R02E SEC 33	0435127
Timber harvest - Clear cut	33	T12N R02E SEC 33	0435127
Timber harvest - Clear cut	26	T12N R02E SEC 33	0435127
Timber harvest - Clear cut	28	T12N R03W SEC 14	0433532
Timber harvest - Clear cut	16	T12N R03W SEC 14	0433532
Timber harvest - Clear cut	43	T12N R03W SEC 14	0433532
Timber harvest - Clear cut	61	T12N R07E SEC 23	0433206
Timber harvest - Clear cut	45	T13N R04E SEC 36	0434258
Timber harvest - Clear cut	17	T13N R04E SEC 36	0434258

* Forest Practices Application (FPA) number is not applicable for Class I Forest Practices, such as most silvicultural activities. Aerial herbicide/aerial fertilization silvicultural activities have FPA. All harvest activities have FPA.

Appendix A: Silvicultural Activities Conducted from July 1, 1998 through June 30, 1999

Columbia HCP Planning Unit			
Silvicultural Activity	Acres	Location	FPA #
Timber harvest - Clear cut	25	T13N R04E SEC 36	0434258
Timber harvest - Clear cut	60	T13N R05E SEC 22	2503762
Timber harvest - Clear cut	36	T13N R05E SEC 27	2503762
Timber harvest - Selective product logging	117	T06N R03E SEC 22	2900940
Timber harvest - Selective product logging	90	T10N R02W SEC 06	1122345
Timber harvest - Selective product logging	34	T10N R02W SEC 07	1121704
Timber harvest - Selective product logging	24	T10N R02W SEC 07	1121704
Timber harvest - Smallwood thinning	498	T09N R02E SEC 09	2900917
Forest site preparation - Aerial herbicide	67	T07N R04E SEC 36	2901724
Forest site preparation - Aerial herbicide	24	T11N R02E SEC 14	2503948
Forest site preparation - Aerial herbicide	26	T12N R02E SEC 27	2503948
Forest site preparation - Broadcast burn	19	T11N R02E SEC 14	*
Forest site preparation - Broadcast burn	14	T11N R02E SEC 14	*
Forest regeneration - Hand planting	74	T02N R04E SEC 14	*
Forest regeneration - Hand planting	2	T02N R04E SEC 15	*
Forest regeneration - Hand planting	33	T02N R04E SEC 15	*
Forest regeneration - Hand planting	37	T02N R04E SEC 15	*
Forest regeneration - Hand planting	56	T02N R04E SEC 15	*
Forest regeneration - Hand planting	20	T02N R04E SEC 28	*
Forest regeneration - Hand planting	23	T02N R07E SEC 15	*
Forest regeneration - Hand planting	5	T03N R02E SEC 05	*
Forest regeneration - Hand planting	17	T03N R02E SEC 05	*
Forest regeneration - Hand planting	4	T03N R02E SEC 16	*
Forest regeneration - Hand planting	4	T03N R02E SEC 16	*
Forest regeneration - Hand planting	46	T03N R04E SEC 01	*
Forest regeneration - Hand planting	55	T03N R04E SEC 31	*
Forest regeneration - Hand planting	85	T03N R06E SEC 19	*
Forest regeneration - Hand planting	55	T03N R06E SEC 36	*
Forest regeneration - Hand planting	32	T03N R07E SEC 23	*
Forest regeneration - Hand planting	35	T03N R07E SEC 34	*
Forest regeneration - Hand planting	55	T03N R07E SEC 34	*
Forest regeneration - Hand planting	24	T04N R04E SEC 35	*
Forest regeneration - Hand planting	69	T04N R04E SEC 35	*
Forest regeneration - Hand planting	51	T04N R04E SEC 35	*
Forest regeneration - Hand planting	37	T05N R01E SEC 16	*
Forest regeneration - Hand planting	4	T05N R01E SEC 21	*
Forest regeneration - Hand planting	2	T05N R01E SEC 21	*
Forest regeneration - Hand planting	18	T05N R01E SEC 21	*
Forest regeneration - Hand planting	38	T06N R01E SEC 24	*
Forest regeneration - Hand planting	39	T06N R02E SEC 18	*
Forest regeneration - Hand planting	28	T06N R02E SEC 31	*
Forest regeneration - Hand planting	8	T06N R02E SEC 32	*
Forest regeneration - Hand planting	12	T06N R02E SEC 32	*
Forest regeneration - Hand planting	7	T06N R02E SEC 32	*
Forest regeneration - Hand planting	70	T06N R03E SEC 04	*
Forest regeneration - Hand planting	42	T06N R03E SEC 06	*
Forest regeneration - Hand planting	20	T06N R03E SEC 10	*
Forest regeneration - Hand planting	40	T06N R03E SEC 31	*
Forest regeneration - Hand planting	33	T06N R04E SEC 05	*
Forest regeneration - Hand planting	62	T06N R04E SEC 07	*
Forest regeneration - Hand planting	48	T06N R04E SEC 15	*
Forest regeneration - Hand planting	21	T06N R04E SEC 15	*
Forest regeneration - Hand planting	19	T06N R04E SEC 23	*

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Appendix A: Silvicultural Activities Conducted from July 1, 1998 through June 30, 1999

Columbia HCP Planning Unit			
Silvicultural Activity	Acres	Location	FPA #
Forest regeneration - Hand planting	56	T06N R04E SEC 24	*
Forest regeneration - Hand planting	10	T06N R04E SEC 26	*
Forest regeneration - Hand planting	3	T06N R04E SEC 29	*
Forest regeneration - Hand planting	31	T06N R05E SEC 20	*
Forest regeneration - Hand planting	82	T06N R05E SEC 28	*
Forest regeneration - Hand planting	26	T06N R05E SEC 30	*
Forest regeneration - Hand planting	57	T07N R01E SEC 24	*
Forest regeneration - Hand planting	93	T07N R01E SEC 24	*
Forest regeneration - Hand planting	74	T07N R05E SEC 35	*
Forest regeneration - Hand planting	73	T08N R04W SEC 07	*
Forest regeneration - Hand planting	89	T09N R01W SEC 36	*
Forest regeneration - Hand planting	93	T09N R01W SEC 36	*
Forest regeneration - Hand planting	47	T09N R05W SEC 33	*
Forest regeneration - Hand planting	32	T09N R05W SEC 33	*
Forest regeneration - Hand planting	90	T10N R01E SEC 36	*
Forest regeneration - Hand planting	9	T10N R01E SEC 36	*
Forest regeneration - Hand planting	13	T10N R01E SEC 36	*
Forest regeneration - Hand planting	11	T10N R01E SEC 36	*
Forest regeneration - Hand planting	8	T10N R01E SEC 36	*
Forest regeneration - Hand planting	102	T10N R02W SEC 06	*
Forest regeneration - Hand planting	75	T10N R04W SEC 30	*
Forest regeneration - Hand planting	7	T10N R04W SEC 30	*
Forest regeneration - Hand planting	79	T10N R04W SEC 32	*
Forest regeneration - Hand planting	10	T10N R04W SEC 34	*
Forest regeneration - Hand planting	35	T10N R06W SEC 08	*
Forest regeneration - Hand planting	25	T10N R06W SEC 30	*
Forest regeneration - Hand planting	45	T10N R06W SEC 33	*
Forest regeneration - Hand planting	46	T10N R08W SEC 02	*
Forest regeneration - Hand planting	31	T11N R02E SEC 03	*
Forest regeneration - Hand planting	14	T11N R02E SEC 13	*
Forest regeneration - Hand planting	46	T11N R02E SEC 13	*
Forest regeneration - Hand planting	19	T11N R02E SEC 14	*
Forest regeneration - Hand planting	13	T11N R02E SEC 14	*
Forest regeneration - Hand planting	24	T11N R02E SEC 14	*
Forest regeneration - Hand planting	14	T11N R02E SEC 14	*
Forest regeneration - Hand planting	63	T11N R03E SEC 17	*
Forest regeneration - Hand planting	31	T11N R03E SEC 17	*
Forest regeneration - Hand planting	3	T11N R03E SEC 18	*
Forest regeneration - Hand planting	38	T11N R07W SEC 29	*
Forest regeneration - Hand planting	50	T12N R02E SEC 27	*
Forest regeneration - Hand planting	12	T12N R02E SEC 27	*
Forest regeneration - Hand planting	36	T12N R02E SEC 33	*
Forest regeneration - Hand planting	33	T12N R02E SEC 33	*
Forest regeneration - Hand planting	25	T12N R02E SEC 33	*
Forest regeneration - Hand planting	11	T12N R02W SEC 30	*
Forest regeneration - Hand planting	19	T12N R02W SEC 30	*
Forest regeneration - Hand planting	43	T12N R03W SEC 14	*
Forest regeneration - Hand planting	16	T12N R03W SEC 14	*
Forest regeneration - Hand planting	28	T12N R03W SEC 14	*
Forest regeneration - Hand planting	61	T12N R07E SEC 23	*
Forest regeneration - Hand planting	31	T13N R01E SEC 36	*
Forest regeneration - Hand planting	7	T13N R01E SEC 36	*
Forest regeneration - Hand planting	45	T13N R04E SEC 36	*

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Appendix A: Silvicultural Activities Conducted from July 1, 1998 through June 30, 1999

Columbia HCP Planning Unit			
Silvicultural Activity	Acres	Location	FPA #
Forest regeneration - Hand planting	25	T13N R04E SEC 36	*
Forest regeneration - Hand planting	17	T13N R04E SEC 36	*
Forest regeneration - Hand planting	60	T13N R05E SEC 22	*
Forest regeneration - Hand planting	13	T13N R05E SEC 26	*
Forest regeneration - Hand planting	36	T13N R05E SEC 27	*
Vegetation management - Aerial herbicide	81	T03N R07.5E SEC 13	2901253
Vegetation management - Aerial herbicide	78	T03N R07E SEC 02	2901253
Vegetation management - Aerial herbicide	35	T03N R07E SEC 34	2901724
Vegetation management - Aerial herbicide	69	T03N R07E SEC 34	2901724
Vegetation management - Aerial herbicide	12	T03N R08E SEC 18	2901253
Vegetation management - Aerial herbicide	43	T05N R03E SEC 04	2901724
Vegetation management - Aerial herbicide	72	T05N R03E SEC 09	2901724
Vegetation management - Aerial herbicide	43	T05N R03E SEC 09	2901724
Vegetation management - Aerial herbicide	67	T06N R01E SEC 25	2901254
Vegetation management - Aerial herbicide	36	T06N R01E SEC 25	2901254
Vegetation management - Aerial herbicide	65	T06N R01E SEC 36	2901254
Vegetation management - Aerial herbicide	65	T06N R02E SEC 22	2901254
Vegetation management - Aerial herbicide	21	T06N R02E SEC 22	2901254
Vegetation management - Aerial herbicide	75	T06N R02E SEC 28	2901254
Vegetation management - Aerial herbicide	70	T06N R03E SEC 31	2901724
Vegetation management - Aerial herbicide	82	T06N R03E SEC 32	2901724
Vegetation management - Aerial herbicide	99	T06N R03E SEC 32	2901724
Vegetation management - Aerial herbicide	56	T06N R04E SEC 24	2901724
Vegetation management - Aerial herbicide	39	T08N R04W SEC 06	2901255
Vegetation management - Aerial herbicide	90	T09N R04W SEC 17	2901255
Vegetation management - Aerial herbicide	65	T09N R04W SEC 29	2901255
Vegetation management - Aerial herbicide	60	T09N R04W SEC 29	2901255
Vegetation management - Aerial herbicide	70	T09N R04W SEC 30	2901255
Vegetation management - Aerial herbicide	42	T09N R05W SEC 36	2901255
Vegetation management - Aerial herbicide	78	T10N R02E SEC 16	2901724
Vegetation management - Aerial herbicide	60	T10N R02E SEC 16	2901724
Vegetation management - Aerial herbicide	40	T10N R02E SEC 16	2901724
Vegetation management - Aerial herbicide	40	T10N R02E SEC 16	2901724
Vegetation management - Aerial herbicide	12	T10N R06W SEC 04	2901255
Vegetation management - Aerial herbicide	60	T10N R06W SEC 05	2901255
Vegetation management - Aerial herbicide	88	T10N R06W SEC 05	2901255
Vegetation management - Aerial herbicide	40	T10N R06W SEC 17	2901724
Vegetation management - Aerial herbicide	41	T10N R06W SEC 20	2901724
Vegetation management - Aerial herbicide	30	T10N R06W SEC 21	2901724
Vegetation management - Aerial herbicide	85	T10N R06W SEC 26	2901255
Vegetation management - Aerial herbicide	40	T10N R06W SEC 27	2901255
Vegetation management - Aerial herbicide	80	T10N R06W SEC 30	2901255
Vegetation management - Aerial herbicide	65	T10N R06W SEC 33	2901255
Vegetation management - Aerial herbicide	53	T10N R06W SEC 36	2901255
Vegetation management - Aerial herbicide	7	T13N R05E SEC 26	2503948
Vegetation management - Ground herbicide	27	T13N R01E SEC 36	*
Vegetation management - Hand cutting	16	T02N R04E SEC 14	*
Vegetation management - Hand cutting	17	T03N R06E SEC 11	*
Vegetation management - Hand cutting	48	T06N R02E SEC 31	*
Vegetation management - Hand cutting	27	T06N R04E SEC 27	*
Vegetation management - Hand cutting	56	T07N R04E SEC 35	*
Vegetation management - Hand cutting	49	T09N R04W SEC 17	*
Vegetation management - Hand cutting	80	T09N R04W SEC 17	*

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Appendix A: Silvicultural Activities Conducted from July 1, 1998 through June 30, 1999

Columbia HCP Planning Unit			
Silvicultural Activity	Acres	Location	FPA #
Vegetation management - Hand cutting	50	T09N R04W SEC 18	*
Vegetation management - Hand cutting	15	T09N R04W SEC 20	*
Vegetation management - Hand cutting	25	T09N R04W SEC 20	*
Vegetation management - Hand cutting	70	T09N R04W SEC 29	*
Vegetation management - Hand cutting	40	T09N R04W SEC 30	*
Vegetation management - Hand cutting	80	T09N R04W SEC 32	*
Vegetation management - Hand cutting	13	T10N R06W SEC 29	*
Vegetation management - Hand cutting	2	T10N R08W SEC 02	*
Vegetation management - Hand cutting	286	T11N R02E SEC 28	*
Vegetation management - Hand cutting	30	T11N R03E SEC 17	*
Vegetation management - Hand cutting	102	T11N R07W SEC 19	*
Vegetation management - Hand cutting	37	T11N R07W SEC 29	*
Vegetation management - Hand cutting	37	T11N R07W SEC 30	*
Vegetation management - Hand cutting	3	T11N R08W SEC 24	*
Vegetation management - Hand cutting	8	T11N R08W SEC 24	*
Vegetation management - Hand cutting	44	T11N R08W SEC 24	*
Vegetation management - Hand cutting	4	T11N R08W SEC 26	*
Vegetation management - Hand cutting	26	T12N R02E SEC 35	*
Pre-commercial thinning	54	T03N R05E SEC 36	*
Pre-commercial thinning	54	T03N R05E SEC 36	*
Pre-commercial thinning	226	T06N R02E SEC 15	*
Pre-commercial thinning	111	T06N R03E SEC 11	*
Pre-commercial thinning	12	T06N R04E SEC 25	*
Pre-commercial thinning	5	T06N R04E SEC 36	*
Pre-commercial thinning	225	T07N R04E SEC 33	*
Pre-commercial thinning	104	T07N R04E SEC 33	*
Pre-commercial thinning	171	T07N R05E SEC 34	*
Pre-commercial thinning	81	T07N R05E SEC 35	*
Pre-commercial thinning	32	T07N R05E SEC 36	*
Pre-commercial thinning	191	T09N R03E SEC 25	*
Pre-commercial thinning	134	T09N R04E SEC 19	*
Pre-commercial thinning	113	T09N R04E SEC 29	*
Pre-commercial thinning	79	T10N R02E SEC 16	*
Pre-commercial thinning	20	T10N R02E SEC 36	*

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Appendix A: Silvicultural Activities Conducted from July 1, 1998 through June 30, 1999

Klickitat HCP Planning Unit			
Silvicultural Activity	Acres	Location	FPA #
Timber harvest - Clear cut	76	T04N R12E SEC 36	2700042
Timber harvest - Clear cut	4	T06N R10E SEC 32	2700258
Timber harvest - Clear cut	14	T06N R10E SEC 32	2700258
Timber harvest - Clear cut	22	T06N R10E SEC 32	2700258
Timber harvest - Clear cut	33	T06N R10E SEC 32	2700258
Timber harvest - Clear cut	2	T07N R12E SEC 16	2700528
Timber harvest - Clear cut	1	T07N R12E SEC 16	2700528
Timber harvest - Clear cut	82	T07N R12E SEC 16	2700528
Timber harvest - Clear cut	16	T07N R12E SEC 17	2700528
Timber harvest - Late rotation thinning	18	T04N R12E SEC 36	2700042
Timber harvest - Late rotation thinning	33	T04N R12E SEC 36	2700042
Timber harvest - Shelterwood removal cut	39	T05N R11E SEC 36	2700330
Timber harvest - Shelterwood removal cut	6	T05N R11E SEC 36	2700330
Timber harvest - Shelterwood removal cut	3	T05N R11E SEC 36	2700330
Timber harvest - Shelterwood removal cut	20	T05N R11E SEC 36	2700330
Timber harvest - Shelterwood removal cut	25	T05N R11E SEC 36	2700330
Timber harvest - Shelterwood removal cut	41	T05N R11E SEC 36	2700330
Timber harvest - Shelterwood removal cut	23	T05N R11E SEC 36	2700330
Timber harvest - Shelterwood removal cut	7	T05N R11E SEC 36	2700330
Timber harvest - Shelterwood removal cut	3	T05N R11E SEC 36	2700330
Timber harvest - Smallwood thinning	399	T06N R12E SEC 09	2700329
Timber harvest - Uneven-aged management	139	T05N R14E SEC 36	2700215
Timber harvest - Uneven-aged management	38	T06N R15E SEC 36	2700458
Timber harvest - Uneven-aged management	77	T06N R15E SEC 36	2700458
Timber harvest - Uneven-aged management	119	T06N R15E SEC 36	2700458
Timber harvest - Uneven-aged management	28	T11N R13E SEC 02	0108437
Timber harvest - Uneven-aged management	155	T11N R13E SEC 02	0108437
Timber harvest - Uneven-aged management	25	T11N R13E SEC 02	0108437
Timber harvest - Uneven-aged management	27	T11N R13E SEC 02	0108437
Timber harvest - Uneven-aged management	362	T12N R14E SEC 34	0108898
Forest site preparation - Aerial herbicide	23	T06N R11E SEC 28	2700664
Forest site preparation - Aerial herbicide	43	T06N R11E SEC 28	2700664
Forest site preparation - Aerial herbicide	33	T06N R11E SEC 28	2700664
Forest site preparation - Aerial herbicide	46	T06N R11E SEC 28	2700664
Forest site preparation - Ground herbicide	24	T03N R11E SEC 16	*
Forest site preparation - Ground herbicide	14	T04N R10E SEC 27	*
Forest site preparation - Ground herbicide	20	T04N R10E SEC 27	*
Forest site preparation - Ground herbicide	59	T04N R10E SEC 31	*
Forest site preparation - Ground herbicide	70	T05N R11E SEC 35	*
Forest site preparation - Ground herbicide	25	T05N R11E SEC 35	*
Forest site preparation - Ground herbicide	43	T06N R11E SEC 28	*
Forest site preparation - Ground herbicide	46	T06N R11E SEC 28	*
Forest site preparation - Ground herbicide	46	T06N R11E SEC 28	*
Forest regeneration - Hand planting	23	T03N R11E SEC 16	*
Forest regeneration - Hand planting	15	T04N R09E SEC 14	*
Forest regeneration - Hand planting	21	T04N R09E SEC 14	*
Forest regeneration - Hand planting	20	T04N R10E SEC 27	*
Forest regeneration - Hand planting	14	T04N R10E SEC 27	*
Forest regeneration - Hand planting	59	T04N R10E SEC 31	*
Forest regeneration - Hand planting	12	T04N R12E SEC 03	*
Forest regeneration - Hand planting	55	T04N R12E SEC 03	*
Forest regeneration - Hand planting	4	T04N R12E SEC 16	*
Forest regeneration - Hand planting	2	T04N R12E SEC 16	*

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Appendix A: Silvicultural Activities Conducted from July 1, 1998 through June 30, 1999

Klickitat HCP Planning Unit			
Silvicultural Activity	Acres	Location	FPA #
Forest regeneration - Hand planting	2	T04N R12E SEC 16	*
Forest regeneration - Hand planting	3	T04N R12E SEC 16	*
Forest regeneration - Hand planting	5	T04N R12E SEC 16	*
Forest regeneration - Hand planting	14	T04N R12E SEC 16	*
Forest regeneration - Hand planting	8	T04N R12E SEC 16	*
Forest regeneration - Hand planting	15	T05N R10E SEC 04	*
Forest regeneration - Hand planting	25	T05N R11E SEC 35	*
Forest regeneration - Hand planting	70	T05N R11E SEC 35	*
Forest regeneration - Hand planting	46	T06N R11E SEC 28	*
Forest regeneration - Hand planting	43	T06N R11E SEC 28	*
Forest regeneration - Hand planting	46	T06N R11E SEC 28	*
Vegetation management - Aerial herbicide	115	T04N R09E SEC 24	2700664
Vegetation management - Aerial herbicide	21	T04N R09E SEC 24	2700664
Vegetation management - Aerial herbicide	54	T04N R09E SEC 25	2700664
Vegetation management - Aerial herbicide	30	T04N R09E SEC 25	2700664
Vegetation management - Aerial herbicide	56	T04N R10E SEC 04	2700664
Vegetation management - Aerial herbicide	67	T04N R10E SEC 29	2700664
Vegetation management - Aerial herbicide	118	T04N R10E SEC 31	2700664
Vegetation management - Aerial herbicide	20	T04N R10E SEC 31	2700664
Vegetation management - Aerial herbicide	6	T04N R10E SEC 32	2700664
Vegetation management - Aerial herbicide	12	T04N R10E SEC 32	2700664
Vegetation management - Aerial herbicide	66	T05N R10E SEC 02	2700664
Vegetation management - Aerial herbicide	95	T05N R10E SEC 03	2700664
Vegetation management - Aerial herbicide	59	T05N R10E SEC 11	2700664
Vegetation management - Aerial herbicide	62	T05N R10E SEC 28	2700664
Vegetation management - Aerial herbicide	23	T05N R10E SEC 33	2700664
Vegetation management - Aerial herbicide	53	T06N R10E SEC 18	2700664
Vegetation management - Aerial herbicide	7	T06N R10E SEC 18	2700664
Vegetation management - Aerial herbicide	18	T06N R10E SEC 18	2700664
Vegetation management - Aerial herbicide	73	T06N R10E SEC 19	2700664
Vegetation management - Aerial herbicide	32	T06N R10E SEC 32	2700664
Vegetation management - Aerial herbicide	6	T06N R10E SEC 32	2700664
Vegetation management - Aerial herbicide	28	T06N R11E SEC 28	2700664
Vegetation management - Aerial herbicide	7	T06N R11E SEC 28	2700664
Vegetation management - Aerial herbicide	47	T06N R11E SEC 28	2700664
Vegetation management - Aerial herbicide	46	T06N R11E SEC 28	2700664
Vegetation management - Ground herbicide	24	T03N R11E SEC 16	*
Vegetation management - Ground herbicide	20	T04N R10E SEC 27	*
Vegetation management - Ground herbicide	62	T05N R11E SEC 01	*
Vegetation management - Ground herbicide	41	T05N R11E SEC 01	*
Vegetation management - Ground herbicide	25	T05N R11E SEC 35	*
Vegetation management - Ground herbicide	70	T05N R11E SEC 35	*
Vegetation management - Ground herbicide	46	T06N R11E SEC 28	*
Vegetation management - Ground herbicide	43	T06N R11E SEC 28	*
Vegetation management - Ground herbicide	46	T06N R11E SEC 28	*
Vegetation management - Ground herbicide	7	T06N R11E SEC 28	*
Vegetation management - Ground herbicide	45	T06N R11E SEC 28	*
Vegetation management - Ground herbicide	28	T06N R11E SEC 28	*

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Appendix A: Silvicultural Activities Conducted from July 1, 1998 through June 30, 1999

North Puget HCP Planning Unit			
Silvicultural Activity	Acres	Location	FPA #
Timber harvest - Clear cut	35	T23N R07E SEC 09	0920874
Timber harvest - Clear cut	45	T27N R07E SEC 30	2800147
Timber harvest - Clear cut	26	T28N R08E SEC 09	2801558
Timber harvest - Clear cut	35	T29N R08E SEC 14	2801265
Timber harvest - Clear cut	7	T32N R09E SEC 18	1922162
Timber harvest - Clear cut	5	T32N R09E SEC 18	1922162
Timber harvest - Clear cut	8	T32N R09E SEC 18	1922162
Timber harvest - Clear cut	47	T33N R07E SEC 33	1922543
Timber harvest - Clear cut	49	T33N R10E SEC 07	2800125
Timber harvest - Clear cut	57	T33N R10E SEC 07	2800125
Timber harvest - Clear cut	81	T33N R10E SEC 13	2800045
Timber harvest - Clear cut	27	T33N R10E SEC 16	2801430
Timber harvest - Clear cut	81	T33N R10E SEC 17	2801429
Timber harvest - Clear cut	40	T33N R10E SEC 18	2800125
Timber harvest - Clear cut	75	T33N R10E SEC 21	2801430
Timber harvest - Clear cut	77	T33N R10E SEC 21	2801430
Timber harvest - Clear cut	24	T33N R10E SEC 22	2801800
Timber harvest - Clear cut	32	T33N R10E SEC 27	2801800
Timber harvest - Clear cut	45	T33N R10E SEC 28	2800964
Timber harvest - Clear cut	55	T33N R10E SEC 28	2800964
Timber harvest - Clear cut	18	T33N R10E SEC 28	2800964
Timber harvest - Clear cut	12	T33N R10E SEC 28	2801800
Timber harvest - Clear cut	51	T33N R10E SEC 28	2801800
Timber harvest - Clear cut	21	T33N R10E SEC 28	2801800
Timber harvest - Clear cut	67	T35N R06E SEC 32	2800129
Timber harvest - Clear cut	11	T35N R07E SEC 06	2801175
Timber harvest - Clear cut	69	T35N R07E SEC 07	2801175
Timber harvest - Clear cut	60	T35N R08E SEC 01	1920250
Timber harvest - Clear cut	28	T35N R08E SEC 17	1922554
Timber harvest - Clear cut	60	T36N R04E SEC 15	1922448
Timber harvest - Clear cut	25	T36N R04E SEC 16	1922114
Timber harvest - Clear cut	60	T36N R07E SEC 30	2800546
Timber harvest - Clear cut	86	T37N R03E SEC 12	2800098
Timber harvest - Clear cut	74	T37N R04E SEC 31	2800190
Timber harvest - Clear cut	6	T37N R05E SEC 32	2802193
Timber harvest - Clear cut	37	T38N R05E SEC 14	1922559
Timber harvest - Clear cut	28	T38N R05E SEC 16	1922551
Timber harvest - Clear cut	30	T38N R05E SEC 21	2800888
Timber harvest - Clear cut	88	T38N R05E SEC 27	2801047
Timber harvest - Clear cut	31	T38N R05E SEC 36	2800130
Timber harvest - Clear cut	84	T38N R05E SEC 36	2800130
Timber harvest - Clear cut	57	T39N R05E SEC 06	1922451
Timber harvest - Clear cut	81	T39N R06E SEC 02	1922536
Timber harvest - Clear cut	88	T39N R06E SEC 02	1922536
Timber harvest - Clear cut	62	T40N R05E SEC 25	1922418
Timber harvest - Clear cut	61	T40N R05E SEC 25	1922418
Timber harvest - Clear cut	76	T40N R06E SEC 20	2800160
Timber harvest - Clear cut	90	T40N R06E SEC 20	2800160
Timber harvest - Clear cut	28	T40N R06E SEC 29	2800160
Timber harvest - Selective product logging	35	T26N R07E SEC 11	2404539
Timber harvest - Selective product logging	21	T26N R08E SEC 06	2404539
Timber harvest - Selective product logging	26	T26N R08E SEC 06	2404539
Timber harvest - Selective product logging	13	T26N R08E SEC 06	2404539

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Appendix A: Silvicultural Activities Conducted from July 1, 1998 through June 30, 1999

North Puget HCP Planning Unit			
Silvicultural Activity	Acres	Location	FPA #
Timber harvest - Selective product logging	58	T26N R08E SEC 07	0922971
Timber harvest - Selective product logging	19	T26N R08E SEC 08	2404539
Timber harvest - Selective product logging	40	T26N R08E SEC 08	2404539
Timber harvest - Selective product logging	32	T28N R08E SEC 17	1922553
Timber harvest - Smallwood thinning	22	T29N R07E SEC 05	2800131
Timber harvest - Smallwood thinning	78	T29N R07E SEC 06	2800131
Timber harvest - Smallwood thinning	84	T29N R07E SEC 07	2800131
Timber harvest - Smallwood thinning	21	T29N R07E SEC 07	2800131
Timber harvest - Smallwood thinning	5	T32N R07E SEC 03	1921206
Timber harvest - Smallwood thinning	46	T33N R05E SEC 14	1921206
Timber harvest - Smallwood thinning	79	T33N R05E SEC 24	1921206
Timber harvest - Smallwood thinning	57	T33N R05E SEC 27	1921206
Timber harvest - Smallwood thinning	181	T33N R06E SEC 19	1921206
Forest site preparation - Aerial herbicide	36	T33N R10E SEC 15	not reported
Forest site preparation - Aerial herbicide	81	T33N R10E SEC 21	not reported
Forest regeneration - Hand planting	53	T26N R08E SEC 17	*
Forest regeneration - Hand planting	63	T26N R08E SEC 19	*
Forest regeneration - Hand planting	30	T27N R07E SEC 30	*
Forest regeneration - Hand planting	26	T27N R07E SEC 30	*
Forest regeneration - Hand planting	37	T28N R07E SEC 16	*
Forest regeneration - Hand planting	20	T28N R08E SEC 07	*
Forest regeneration - Hand planting	5	T28N R08E SEC 07	*
Forest regeneration - Hand planting	67	T28N R09E SEC 29	*
Forest regeneration - Hand planting	85	T29N R08E SEC 29	*
Forest regeneration - Hand planting	14	T29N R08E SEC 29	*
Forest regeneration - Hand planting	50	T30N R07E SEC 21	*
Forest regeneration - Hand planting	5	T31N R06E SEC 16	*
Forest regeneration - Hand planting	78	T31N R06E SEC 24	*
Forest regeneration - Hand planting	55	T31N R06E SEC 25	*
Forest regeneration - Hand planting	10	T32N R06E SEC 27	*
Forest regeneration - Hand planting	27	T32N R07E SEC 19	*
Forest regeneration - Hand planting	45	T32N R08E SEC 14	*
Forest regeneration - Hand planting	51	T32N R08E SEC 14	*
Forest regeneration - Hand planting	36	T32N R09E SEC 06	*
Forest regeneration - Hand planting	28	T32N R09E SEC 06	*
Forest regeneration - Hand planting	5	T32N R09E SEC 18	*
Forest regeneration - Hand planting	8	T32N R09E SEC 18	*
Forest regeneration - Hand planting	5	T32N R09E SEC 18	*
Forest regeneration - Hand planting	25	T32N R09E SEC 25	*
Forest regeneration - Hand planting	24	T33N R06E SEC 25	*
Forest regeneration - Hand planting	18	T33N R06E SEC 32	*
Forest regeneration - Hand planting	11	T33N R06E SEC 32	*
Forest regeneration - Hand planting	62	T33N R06E SEC 36	*
Forest regeneration - Hand planting	39	T33N R07E SEC 28	*
Forest regeneration - Hand planting	47	T33N R07E SEC 33	*
Forest regeneration - Hand planting	18	T33N R10E SEC 06	*
Forest regeneration - Hand planting	52	T33N R10E SEC 07	*
Forest regeneration - Hand planting	48	T33N R10E SEC 07	*
Forest regeneration - Hand planting	16	T33N R10E SEC 10	*
Forest regeneration - Hand planting	78	T33N R10E SEC 13	*
Forest regeneration - Hand planting	36	T33N R10E SEC 15	*
Forest regeneration - Hand planting	27	T33N R10E SEC 16	*
Forest regeneration - Hand planting	81	T33N R10E SEC 17	*

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Appendix A: Silvicultural Activities Conducted from July 1, 1998 through June 30, 1999

North Puget HCP Planning Unit			
Silvicultural Activity	Acres	Location	FPA #
Forest regeneration - Hand planting	38	T33N R10E SEC 18	*
Forest regeneration - Hand planting	82	T33N R10E SEC 21	*
Forest regeneration - Hand planting	77	T33N R10E SEC 21	*
Forest regeneration - Hand planting	24	T33N R10E SEC 22	*
Forest regeneration - Hand planting	32	T33N R10E SEC 27	*
Forest regeneration - Hand planting	20	T33N R10E SEC 28	*
Forest regeneration - Hand planting	12	T33N R10E SEC 28	*
Forest regeneration - Hand planting	42	T33N R10E SEC 28	*
Forest regeneration - Hand planting	17	T33N R10E SEC 28	*
Forest regeneration - Hand planting	54	T33N R10E SEC 28	*
Forest regeneration - Hand planting	6	T33N R10E SEC 29	*
Forest regeneration - Hand planting	62	T33N R10E SEC 30	*
Forest regeneration - Hand planting	65	T33N R10E SEC 31	*
Forest regeneration - Hand planting	86	T34N R09E SEC 12	*
Forest regeneration - Hand planting	1	T35N R06E SEC 27	*
Forest regeneration - Hand planting	62	T35N R06E SEC 32	*
Forest regeneration - Hand planting	25	T35N R08E SEC 17	*
Forest regeneration - Hand planting	43	T36N R05E SEC 34	*
Forest regeneration - Hand planting	29	T37N R03E SEC 13	*
Forest regeneration - Hand planting	71	T37N R05E SEC 34	*
Forest regeneration - Hand planting	30	T37N R05E SEC 35	*
Forest regeneration - Hand planting	46	T38N R04E SEC 36	*
Forest regeneration - Hand planting	36	T38N R05E SEC 14	*
Forest regeneration - Hand planting	28	T38N R05E SEC 16	*
Forest regeneration - Hand planting	30	T38N R05E SEC 21	*
Forest regeneration - Hand planting	88	T38N R05E SEC 27	*
Forest regeneration - Hand planting	9	T39N R05E SEC 03	*
Forest regeneration - Hand planting	35	T39N R05E SEC 06	*
Forest regeneration - Hand planting	74	T39N R06E SEC 02	*
Forest regeneration - Hand planting	73	T39N R06E SEC 02	*
Forest regeneration - Hand planting	41	T40N R05E SEC 04	*
Forest regeneration - Hand planting	24	T40N R05E SEC 04	*
Forest regeneration - Hand planting	42	T40N R05E SEC 25	*
Forest regeneration - Hand planting	57	T40N R05E SEC 25	*
Forest regeneration - Hand planting	84	T40N R06E SEC 20	*
Forest regeneration - Hand planting	58	T40N R06E SEC 20	*
Forest regeneration - Hand planting	88	T40N R06E SEC 27	*
Forest regeneration - Hand planting	28	T40N R06E SEC 29	*
Vegetation management - Ground herbicide	17	T27N R07E SEC 17	*
Vegetation management - Ground herbicide	43	T28N R07E SEC 36	*
Vegetation management - Ground herbicide	17	T28N R08E SEC 05	*
Vegetation management - Ground herbicide	22	T28N R08E SEC 05	*
Vegetation management - Ground herbicide	8	T28N R08E SEC 36	*
Vegetation management - Ground herbicide	42	T28N R08E SEC 36	*
Vegetation management - Ground herbicide	19	T29N R07E SEC 04	*
Vegetation management - Ground herbicide	23	T30N R07E SEC 33	*
Vegetation management - Ground herbicide	55	T30N R07E SEC 34	*
Vegetation management - Ground herbicide	56	T30N R07E SEC 34	*
Vegetation management - Ground herbicide	91	T31N R07E SEC 32	*
Vegetation management - Ground herbicide	47	T32N R06E SEC 02	*
Vegetation management - Ground herbicide	23	T32N R06E SEC 03	*
Vegetation management - Ground herbicide	57	T32N R08E SEC 10	*
Vegetation management - Ground herbicide	26	T32N R09E SEC 03	*

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Appendix A: Silvicultural Activities Conducted from July 1, 1998 through June 30, 1999

North Puget HCP Planning Unit			
Silvicultural Activity	Acre	Location	FPA #
Vegetation management - Ground herbicide	2	T32N R09E SEC 04	*
Vegetation management - Ground herbicide	34	T32N R09E SEC 18	*
Vegetation management - Ground herbicide	30	T32N R09E SEC 18	*
Vegetation management - Ground herbicide	7	T32N R09E SEC 18	*
Vegetation management - Ground herbicide	30	T33N R05E SEC 15	*
Vegetation management - Ground herbicide	1	T33N R06E SEC 36	*
Vegetation management - Ground herbicide	45	T33N R07E SEC 31	*
Vegetation management - Ground herbicide	52	T33N R10E SEC 07	*
Vegetation management - Ground herbicide	48	T33N R10E SEC 07	*
Vegetation management - Ground herbicide	25	T35N R09E SEC 16	*
Vegetation management - Ground herbicide	32	T36N R06E SEC 21	*
Vegetation management - Ground herbicide	34	T36N R06E SEC 21	*
Vegetation management - Ground herbicide	45	T37N R05E SEC 04	*
Vegetation management - Ground herbicide	63	T37N R05E SEC 36	*
Vegetation management - Ground herbicide	49	T38N R05E SEC 13	*
Vegetation management - Ground herbicide	14	T38N R05E SEC 28	*
Vegetation management - Ground herbicide	18	T39N R04E SEC 25	*
Vegetation management - Ground herbicide	18	T39N R04E SEC 25	*
Vegetation management - Ground herbicide	48	T39N R05E SEC 09	*
Vegetation management - Ground herbicide	40	T39N R05E SEC 29	*
Vegetation management - Ground herbicide	15	T39N R05E SEC 29	*
Vegetation management - Ground herbicide	5	T39N R05E SEC 29	*
Vegetation management - Ground herbicide	41	T40N R05E SEC 16	*
Vegetation management - Ground herbicide	37	T40N R05E SEC 16	*
Vegetation management - Hand cutting	28	T23N R08E SEC 07	*
Vegetation management - Hand cutting	34	T26N R08E SEC 06	*
Vegetation management - Hand cutting	35	T26N R08E SEC 07	*
Vegetation management - Hand cutting	58	T27N R07E SEC 17	*
Vegetation management - Hand cutting	32	T27N R07E SEC 17	*
Vegetation management - Hand cutting	23	T27N R07E SEC 20	*
Vegetation management - Hand cutting	14	T27N R07E SEC 29	*
Vegetation management - Hand cutting	90	T27N R07E SEC 35	*
Vegetation management - Hand cutting	203	T27N R07E SEC 36	*
Vegetation management - Hand cutting	51	T28N R07E SEC 04	*
Vegetation management - Hand cutting	64	T28N R07E SEC 14	*
Vegetation management - Hand cutting	82	T28N R07E SEC 16	*
Vegetation management - Hand cutting	51	T28N R08E SEC 03	*
Vegetation management - Hand cutting	56	T28N R08E SEC 16	*
Vegetation management - Hand cutting	24	T29N R06E SEC 24	*
Vegetation management - Hand cutting	72	T29N R07E SEC 10	*
Vegetation management - Hand cutting	105	T29N R07E SEC 13	*
Vegetation management - Hand cutting	46	T29N R07E SEC 33	*
Vegetation management - Hand cutting	13	T29N R08E SEC 07	*
Vegetation management - Hand cutting	41	T30N R06E SEC 16	*
Vegetation management - Hand cutting	36	T30N R06E SEC 16	*
Vegetation management - Hand cutting	41	T30N R06E SEC 16	*
Vegetation management - Hand cutting	18	T31N R05E SEC 36	*
Vegetation management - Hand cutting	16	T31N R05E SEC 36	*
Vegetation management - Hand cutting	80	T31N R05E SEC 36	*
Vegetation management - Hand cutting	50	T31N R05E SEC 36	*
Vegetation management - Hand cutting	5	T31N R05E SEC 36	*
Vegetation management - Hand cutting	5	T31N R05E SEC 36	*
Vegetation management - Hand cutting	94	T32N R06E SEC 04	*

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Appendix A: Silvicultural Activities Conducted from July 1, 1998 through June 30, 1999

North Puget HCP Planning Unit			
Silvicultural Activity	Acres	Location	FPA #
Vegetation management - Hand cutting	73	T32N R06E SEC 07	*
Vegetation management - Hand cutting	52	T32N R06E SEC 23	*
Vegetation management - Hand cutting	90	T32N R06E SEC 23	*
Vegetation management - Hand cutting	23	T32N R06E SEC 24	*
Vegetation management - Hand cutting	38	T32N R06E SEC 24	*
Vegetation management - Hand cutting	23	T32N R07E SEC 11	*
Vegetation management - Hand cutting	61	T32N R07E SEC 13	*
Vegetation management - Hand cutting	5	T32N R07E SEC 16	*
Vegetation management - Hand cutting	69	T32N R07E SEC 17	*
Vegetation management - Hand cutting	59	T32N R07E SEC 20	*
Vegetation management - Hand cutting	35	T32N R07E SEC 20	*
Vegetation management - Hand cutting	45	T32N R07E SEC 24	*
Vegetation management - Hand cutting	114	T32N R08E SEC 04	*
Vegetation management - Hand cutting	22	T32N R09E SEC 12	*
Vegetation management - Hand cutting	59	T32N R09E SEC 19	*
Vegetation management - Hand cutting	19	T32N R09E SEC 21	*
Vegetation management - Hand cutting	94	T32N R09E SEC 24	*
Vegetation management - Hand cutting	45	T32N R09E SEC 26	*
Vegetation management - Hand cutting	68	T32N R10E SEC 04	*
Vegetation management - Hand cutting	99	T32N R10E SEC 04	*
Vegetation management - Hand cutting	51	T32N R10E SEC 04	*
Vegetation management - Hand cutting	109	T33N R05E SEC 03	*
Vegetation management - Hand cutting	40	T33N R05E SEC 04	*
Vegetation management - Hand cutting	30	T33N R05E SEC 10	*
Vegetation management - Hand cutting	21	T33N R05E SEC 13	*
Vegetation management - Hand cutting	112	T33N R05E SEC 20	*
Vegetation management - Hand cutting	136	T33N R05E SEC 24	*
Vegetation management - Hand cutting	48	T33N R05E SEC 27	*
Vegetation management - Hand cutting	39	T33N R05E SEC 29	*
Vegetation management - Hand cutting	70	T33N R05E SEC 32	*
Vegetation management - Hand cutting	141	T33N R05E SEC 32	*
Vegetation management - Hand cutting	52	T33N R05E SEC 33	*
Vegetation management - Hand cutting	57	T33N R05E SEC 34	*
Vegetation management - Hand cutting	72	T33N R06E SEC 16	*
Vegetation management - Hand cutting	63	T33N R06E SEC 19	*
Vegetation management - Hand cutting	48	T33N R06E SEC 32	*
Vegetation management - Hand cutting	93	T33N R07E SEC 28	*
Vegetation management - Hand cutting	16	T33N R07E SEC 30	*
Vegetation management - Hand cutting	31	T33N R07E SEC 34	*
Vegetation management - Hand cutting	40	T33N R07E SEC 34	*
Vegetation management - Hand cutting	64	T33N R07E SEC 36	*
Vegetation management - Hand cutting	7	T33N R10E SEC 13	*
Vegetation management - Hand cutting	7	T33N R10E SEC 27	*
Vegetation management - Hand cutting	15	T33N R10E SEC 28	*
Vegetation management - Hand cutting	119	T34N R05E SEC 08	*
Vegetation management - Hand cutting	43	T34N R05E SEC 16	*
Vegetation management - Hand cutting	4	T34N R09E SEC 04	*
Vegetation management - Hand cutting	14	T34N R09E SEC 36	*
Vegetation management - Hand cutting	73	T35N R06E SEC 02	*
Vegetation management - Hand cutting	22	T35N R06E SEC 27	*
Vegetation management - Hand cutting	35	T35N R06E SEC 34	*
Vegetation management - Hand cutting	92	T35N R07E SEC 06	*
Vegetation management - Hand cutting	38	T35N R09E SEC 21	*

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Appendix A: Silvicultural Activities Conducted from July 1, 1998 through June 30, 1999

North Puget HCP Planning Unit			
Silvicultural Activity	Acres	Location	FPA #
Vegetation management - Hand cutting	4	T35N R09E SEC 21	*
Vegetation management - Hand cutting	77	T36N R03E SEC 14	*
Vegetation management - Hand cutting	81	T36N R03E SEC 15	*
Vegetation management - Hand cutting	107	T36N R04E SEC 09	*
Vegetation management - Hand cutting	2	T36N R04W SEC 36	*
Vegetation management - Hand cutting	2	T36N R04W SEC 36	*
Vegetation management - Hand cutting	34	T36N R05E SEC 08	*
Vegetation management - Hand cutting	102	T36N R07E SEC 34	*
Vegetation management - Hand cutting	8	T37N R05E SEC 02	*
Vegetation management - Hand cutting	8	T37N R05E SEC 04	*
Vegetation management - Hand cutting	18	T37N R05E SEC 04	*
Vegetation management - Hand cutting	45	T37N R05E SEC 10	*
Vegetation management - Hand cutting	54	T37N R05E SEC 19	*
Vegetation management - Hand cutting	82	T37N R05E SEC 29	*
Vegetation management - Hand cutting	110	T37N R05E SEC 34	*
Vegetation management - Hand cutting	136	T37N R05E SEC 35	*
Vegetation management - Hand cutting	69	T37N R05E SEC 35	*
Vegetation management - Hand cutting	1	T37N R06E SEC 06	*
Vegetation management - Hand cutting	55	T38N R04E SEC 20	*
Vegetation management - Hand cutting	71	T38N R04E SEC 20	*
Vegetation management - Hand cutting	25	T38N R04E SEC 20	*
Vegetation management - Hand cutting	21	T38N R04E SEC 29	*
Vegetation management - Hand cutting	23	T38N R04E SEC 29	*
Vegetation management - Hand cutting	10	T38N R05E SEC 14	*
Vegetation management - Hand cutting	65	T38N R05E SEC 21	*
Vegetation management - Hand cutting	30	T38N R05E SEC 26	*
Vegetation management - Hand cutting	62	T38N R05E SEC 27	*
Vegetation management - Hand cutting	92	T38N R05E SEC 28	*
Vegetation management - Hand cutting	64	T38N R05E SEC 28	*
Vegetation management - Hand cutting	36	T38N R05E SEC 28	*
Vegetation management - Hand cutting	30	T38N R05E SEC 33	*
Vegetation management - Hand cutting	133	T38N R05E SEC 34	*
Vegetation management - Hand cutting	72	T38N R05E SEC 34	*
Vegetation management - Hand cutting	38	T38N R05E SEC 34	*
Vegetation management - Hand cutting	32	T38N R05E SEC 35	*
Vegetation management - Hand cutting	3	T38N R06E SEC 20	*
Vegetation management - Hand cutting	29	T38N R06E SEC 20	*
Vegetation management - Hand cutting	17	T39N R04E SEC 02	*
Vegetation management - Hand cutting	7	T39N R05E SEC 12	*
Vegetation management - Hand cutting	96	T39N R05E SEC 16	*
Vegetation management - Hand cutting	11	T39N R05E SEC 34	*
Vegetation management - Hand cutting	70	T40N R05E SEC 24	*
Vegetation management - Hand cutting	28	T40N R05E SEC 26	*
Vegetation management - Hand cutting	35	T40N R06E SEC 31	*
Vegetation management - Hand cutting	18	T40N R06E SEC 32	*
Vegetation management - Hand cutting	20	T40N R06E SEC 34	*
Pre-commercial thinning	200	T23N R09E SEC 07	*
Pre-commercial thinning	154	T23N R09E SEC 08	*
Pre-commercial thinning	283	T26N R07E SEC 01	*
Pre-commercial thinning	282	T26N R07E SEC 01	*
Pre-commercial thinning	134	T26N R07E SEC 02	*
Pre-commercial thinning	117	T26N R07E SEC 02	*
Pre-commercial thinning	60	T26N R07E SEC 11	*

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Appendix A: Silvicultural Activities Conducted from July 1, 1998 through June 30, 1999

North Puget HCP Planning Unit			
Silvicultural Activity	Acres	Location	FPA #
Pre-commercial thinning	60	T26N R07E SEC 11	*
Pre-commercial thinning	72	T26N R07E SEC 12	*
Pre-commercial thinning	72	T26N R07E SEC 12	*
Pre-commercial thinning	76	T26N R07E SEC 13	*
Pre-commercial thinning	55	T26N R08E SEC 17	*
Pre-commercial thinning	108	T27N R07E SEC 08	*
Pre-commercial thinning	114	T27N R07E SEC 20	*
Pre-commercial thinning	39	T27N R07E SEC 30	*
Pre-commercial thinning	32	T27N R07E SEC 36	*
Pre-commercial thinning	7	T27N R08E SEC 31	*
Pre-commercial thinning	67	T27N R09E SEC 13	*
Pre-commercial thinning	45	T28N R07E SEC 04	*
Pre-commercial thinning	55	T28N R07E SEC 06	*
Pre-commercial thinning	41	T28N R07E SEC 08	*
Pre-commercial thinning	223	T28N R07E SEC 17	*
Pre-commercial thinning	39	T28N R07E SEC 36	*
Pre-commercial thinning	16	T28N R07E SEC 36	*
Pre-commercial thinning	26	T28N R08E SEC 03	*
Pre-commercial thinning	4	T28N R08E SEC 03	*
Pre-commercial thinning	14	T28N R08E SEC 04	*
Pre-commercial thinning	11	T28N R08E SEC 10	*
Pre-commercial thinning	25	T28N R08E SEC 11	*
Pre-commercial thinning	34	T28N R08E SEC 11	*
Pre-commercial thinning	76	T28N R08E SEC 14	*
Pre-commercial thinning	61	T29N R06E SEC 12	*
Pre-commercial thinning	55	T29N R06E SEC 12	*
Pre-commercial thinning	39	T29N R06E SEC 24	*
Pre-commercial thinning	133	T29N R06E SEC 36	*
Pre-commercial thinning	3	T29N R07E SEC 01	*
Pre-commercial thinning	28	T29N R07E SEC 03	*
Pre-commercial thinning	4	T29N R07E SEC 04	*
Pre-commercial thinning	5	T29N R07E SEC 04	*
Pre-commercial thinning	89	T29N R07E SEC 04	*
Pre-commercial thinning	57	T29N R07E SEC 05	*
Pre-commercial thinning	42	T29N R07E SEC 06	*
Pre-commercial thinning	102	T29N R07E SEC 06	*
Pre-commercial thinning	55	T29N R07E SEC 07	*
Pre-commercial thinning	62	T29N R07E SEC 08	*
Pre-commercial thinning	66	T29N R07E SEC 10	*
Pre-commercial thinning	33	T29N R07E SEC 16	*
Pre-commercial thinning	53	T29N R07E SEC 24	*
Pre-commercial thinning	50	T29N R07E SEC 24	*
Pre-commercial thinning	10	T29N R07E SEC 28	*
Pre-commercial thinning	106	T29N R08E SEC 10	*
Pre-commercial thinning	33	T29N R08E SEC 12	*
Pre-commercial thinning	10	T29N R08E SEC 14	*
Pre-commercial thinning	102	T29N R09E SEC 18	*
Pre-commercial thinning	25	T29N R09E SEC 30	*
Pre-commercial thinning	19	T30N R06E SEC 12	*
Pre-commercial thinning	4	T30N R06E SEC 16	*
Pre-commercial thinning	6	T30N R07E SEC 21	*
Pre-commercial thinning	9	T30N R07E SEC 21	*
Pre-commercial thinning	179	T30N R07E SEC 27	*

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Appendix A: Silvicultural Activities Conducted from July 1, 1998 through June 30, 1999

North Puget HCP Planning Unit			
Silvicultural Activity	Acres	Location	FPA #
Pre-commercial thinning	19	T30N R07E SEC 28	*
Pre-commercial thinning	43	T30N R07E SEC 33	*
Pre-commercial thinning	56	T30N R07E SEC 33	*
Pre-commercial thinning	52	T30N R07E SEC 33	*
Pre-commercial thinning	12	T30N R07E SEC 34	*
Pre-commercial thinning	66	T30N R07E SEC 34	*
Pre-commercial thinning	35	T30N R08E SEC 07	*
Pre-commercial thinning	16	T30N R08E SEC 07	*
Pre-commercial thinning	53	T30N R08E SEC 30	*
Pre-commercial thinning	37	T32N R10E SEC 09	*
Pre-commercial thinning	39	T32N R10E SEC 09	*
Pre-commercial thinning	135	T33N R06E SEC 19	*
Pre-commercial thinning	174	T33N R10E SEC 09	*
Pre-commercial thinning	206	T33N R10E SEC 09	*
Pre-commercial thinning	140	T33N R10E SEC 11	*
Pre-commercial thinning	105	T33N R10E SEC 14	*
Pre-commercial thinning	140	T33N R10E SEC 14	*
Pre-commercial thinning	112	T33N R10E SEC 14	*
Pre-commercial thinning	5	T33N R10E SEC 16	*
Pre-commercial thinning	2	T33N R10E SEC 16	*
Pre-commercial thinning	15	T33N R10E SEC 23	*
Pre-commercial thinning	125	T33N R10E SEC 36	*
Pre-commercial thinning	16	T33N R10E SEC 36	*
Pre-commercial thinning	110	T33N R10E SEC 36	*
Pre-commercial thinning	130	T33N R10E SEC 36	*
Pre-commercial thinning	257	T33N R10E SEC 36	*
Pre-commercial thinning	40	T33N R11E SEC 18	*
Pre-commercial thinning	107	T35N R06E SEC 01	*
Pre-commercial thinning	134	T35N R06E SEC 01	*
Pre-commercial thinning	105	T35N R06E SEC 02	*
Pre-commercial thinning	114	T35N R06E SEC 02	*
Pre-commercial thinning	80	T35N R06E SEC 03	*
Pre-commercial thinning	83	T35N R06E SEC 03	*
Pre-commercial thinning	50	T35N R06E SEC 34	*
Pre-commercial thinning	137	T35N R07E SEC 06	*
Pre-commercial thinning	159	T35N R08E SEC 12	*
Pre-commercial thinning	107	T36N R04E SEC 03	*
Pre-commercial thinning	96	T36N R06E SEC 34	*
Pre-commercial thinning	124	T36N R06E SEC 36	*
Pre-commercial thinning	97	T36N R07E SEC 32	*
Pre-commercial thinning	74	T36N R07E SEC 33	*
Pre-commercial thinning	187	T36N R07E SEC 35	*
Pre-commercial thinning	16	T36N R07E SEC 35	*
Pre-commercial thinning	40	T36N R07E SEC 36	*
Pre-commercial thinning	78	T36N R08E SEC 22	*
Pre-commercial thinning	25	T37N R05E SEC 02	*
Pre-commercial thinning	25	T37N R05E SEC 02	*
Pre-commercial thinning	162	T38N R05E SEC 33	*
Pre-commercial thinning	162	T38N R05E SEC 33	*
Pre-commercial thinning	129	T39N R05E SEC 04	*
Pre-commercial thinning	74	T39N R05E SEC 05	*
Pre-commercial thinning	73	T39N R05E SEC 08	*
Pre-commercial thinning	163	T39N R05E SEC 16	*

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Appendix A: Silvicultural Activities Conducted from July 1, 1998 through June 30, 1999

North Puget HCP Planning Unit			
Silvicultural Activity	Acres	Location	FPA #
Pre-commercial thinning	166	T40N R05E SEC 04	*
Pre-commercial thinning	36	T40N R05E SEC 33	*
Tree pruning - Hand pruning	76	T26N R07E SEC 13	*
Forest fertilization - Aerial fertilization	39	T35N R06E SEC 02	2802196
Forest fertilization - Aerial fertilization	91	T35N R06E SEC 02	2802196
Forest fertilization - Aerial fertilization	151	T35N R06E SEC 03	2802196
Forest fertilization - Aerial fertilization	29	T35N R06E SEC 03	2802196
Forest fertilization - Aerial fertilization	59	T35N R06E SEC 03	2802196
Forest fertilization - Aerial fertilization	104	T36N R04E SEC 03	2802196
Forest fertilization - Aerial fertilization	312	T36N R04E SEC 03	2802196
Forest fertilization - Aerial fertilization	17	T36N R04E SEC 03	2802196
Forest fertilization - Aerial fertilization	153	T36N R04E SEC 09	2802196
Forest fertilization - Aerial fertilization	81	T36N R04E SEC 09	2802196
Forest fertilization - Aerial fertilization	116	T36N R04E SEC 10	2802196
Forest fertilization - Aerial fertilization	165	T36N R04E SEC 10	2802196
Forest fertilization - Aerial fertilization	79	T36N R04E SEC 15	2802196
Forest fertilization - Aerial fertilization	216	T36N R04E SEC 16	2802196
Forest fertilization - Aerial fertilization	190	T36N R06E SEC 26	2802196
Forest fertilization - Aerial fertilization	174	T36N R06E SEC 27	2802196
Forest fertilization - Aerial fertilization	139	T36N R06E SEC 33	2802196
Forest fertilization - Aerial fertilization	38	T36N R06E SEC 33	2802196
Forest fertilization - Aerial fertilization	32	T36N R06E SEC 33	2902196
Forest fertilization - Aerial fertilization	73	T36N R06E SEC 34	2802196
Forest fertilization - Aerial fertilization	50	T36N R06E SEC 34	2802196
Forest fertilization - Aerial fertilization	31	T36N R06E SEC 34	2802196
Forest fertilization - Aerial fertilization	14	T36N R06E SEC 34	2802196
Forest fertilization - Aerial fertilization	96	T36N R06E SEC 34	2802196
Forest fertilization - Aerial fertilization	24	T36N R06E SEC 34	2802196
Forest fertilization - Aerial fertilization	132	T36N R06E SEC 35	2802196
Forest fertilization - Aerial fertilization	40	T36N R06E SEC 35	2802196
Forest fertilization - Aerial fertilization	32	T36N R06E SEC 35	2802196
Forest fertilization - Aerial fertilization	34	T36N R06E SEC 36	2802196
Forest fertilization - Aerial fertilization	38	T36N R06E SEC 36	2802196
Forest fertilization - Aerial fertilization	139	T36N R06E SEC 36	2802196
Forest fertilization - Ground fertilization	30	T26N R07E SEC 02	*
Forest fertilization - Ground fertilization	80	T26N R07E SEC 02	*
Forest fertilization - Ground fertilization	25	T26N R07E SEC 02	*
Forest fertilization - Ground fertilization	69	T26N R07E SEC 11	*
Forest fertilization - Ground fertilization	75	T26N R07E SEC 13	*

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